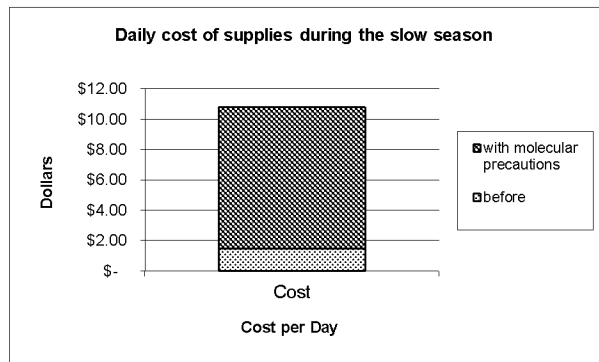
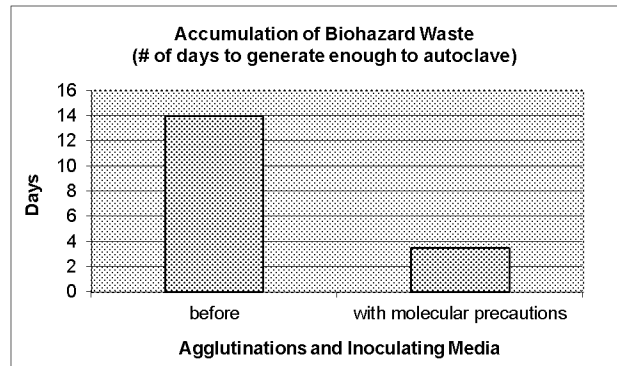


**Financial Cost and Waste Generation in the Enteric Laboratory:
before and after implementing molecular precautions**



The cost of inoculating specimens and serogrouping with



The amount of Biohazard Waste has **quadrupled** after

| Description | Cost | # in Unit | EACH | Before molecular | | With molecular | |
|---|-----------|-----------|---------|------------------|---------|----------------|---------|
| | | | | Quantity | Daily | Quantity | Daily |
| Underpad, - Versi-Dry, lab soakers | \$ 187.82 | 350 | \$0.54 | 0 | \$0.00 | 3 | \$1.62 |
| Bag, Biohazard, Autoclavable, - 10" X 15" | \$ 29.64 | 100 | \$ 0.30 | 0.2 | \$ 0.06 | 3 | \$ 0.90 |
| Gloves, Latex, Small with Powder | \$ 4.19 | 100 | \$ 0.04 | 0 | \$ - | 11 | \$ 0.44 |
| Gloves, Small, Powder Free | \$ 9.51 | 100 | \$ 0.10 | 13 | \$ 1.30 | 13 | \$ 1.30 |
| Disinfectant Bleach Wipes | \$ 412.51 | 600 | \$ 0.69 | 0 | \$ - | 6 | \$ 4.14 |
| Sleeves, Tyvek, 18" | \$ 46.72 | 200 | \$ 0.23 | 0 | \$ - | 7 | \$ 1.61 |
| Towel, Paper, C-Fold | \$ 13.58 | 2400 | \$ 0.01 | 13 | \$ 0.13 | 13 | \$ 0.13 |
| Bag, Biohazard, Autoclavable, - 24" X 36" | \$ 131.24 | 200 | \$ 0.66 | 0 | \$ - | 1 | \$ 0.66 |
| Original | | | | \$ 1.49 | | Extra Cost | |
| | | | | | | \$9.31 | |
| | | | | | | \$10.80 | |

Prior to molecular considerations the Enteric Laboratory autoclaved every 14 days. The increased waste accumulation requires the Enteric Laboratory

**Financial Cost and Waste Generation in the Enteric Laboratory:
before and after implementing molecular precautions**

| | before | with molecular precautions |
|---|--------|----------------------------|
| Cost \$ | 1.49 | 9.31 |
| # of days to accumulate enough waste to autoclave | 14 | 3.5 |